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Docket No.: 99 P 1892

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By: Wm Sun

Date: July 9, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

Applicant : Thomas Reisinger et al.

JUL 23 2002

Applic. No. : 09/994,195

Filed : November 26, 2001

Technology Center 2600

Title : Method and Configuration for Remote Access Control

Group Art Unit : 2635

P R E L I M I N A R Y A M E N D M E N T

Hon. Commissioner of Patents and Trademarks,
Washington, D. C. 20231

S i r :

Preliminary to examination, kindly amend the above-identified application as follows:

In the specification:

Replace the paragraph beginning on page 3, line 4, up to page 4, line 3, with the following paragraph:

--Such smart cards provide, especially, the principle of passive entry and/or passive go, whose essence is that the access code transmitters (smart cards) are activated or

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polled, on approaching the vehicle, by a transceiver unit in said vehicle, and then transmit an access code to this unit. It is sufficient for the smart card to be carried on the body in order to allow the vehicle to be used. A bidirectional communication takes place between the vehicle and the smart card for vehicle access. For example, the transceiver unit in the vehicle communicates with the smart card via inductive antennas which are accommodated in the doors and the luggage compartment or bumpers. These antennas are actuated using a 125 kHz carrier, while the smart cards produce their response to the vehicle (according to the present prior art) using what is referred to as the ISM frequency band around 315 MHz.

Touching the door handle of a secured vehicle results in an interrogation signal being output via the inductive antenna arranged in the corresponding door, in response to which the smart card carried on the body transmits an access code signal (authentication signal) by radio to the vehicle. If the evaluation of the access code confirms its validity, then the vehicle is unlocked via the central locking pump. The process of securing the vehicle when leaving it, the starting of the vehicle (initiated using a touch key in the operating area) and the execution of further functions take place in a similar manner.--